

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently amended) A method comprising,
in a network, encapsulating data requests generated by an application in a first system, encapsulating comprising generating an Extensible Markup Language (XML) structure for each data request and converting the XML structure to an XML request, the XML structure comprising a variable stream of data stored in memory of the first system, the stream including an XML element for each request;
transferring the encapsulated data requests to a second system;
executing the encapsulated data requests in the second system; and
processing in the first system responses generated by the encapsulated data requests in the second system.
2. (Canceled).
3. (Canceled).
4. (Currently amended) The method of claim 3 1 in which the XML element is a class object whose data is stored to generate XML.
5. (Original) The method of claim 4 in which the XML element includes data from a data set object.

6. (Original) The method of claim 5 in which the data set object includes table dictionaries, column names and data from record sets, and stored procedure parameters.

7. (Original) The method of claim 1 in which transferring includes a text transmission protocol.

8. (Currently amended) The method of claim 7 in which the text transmission protocol is Hypertext Transfer Protocol (HTTP).

9. (Original) The method of claim 1 in which executing comprises:

de-encapsulating the encapsulated data requests by parsing into request statements; and
executing the request statements.

10. (Original) The method of claim 9 further comprising:

translating responses from the executed request statements into an XML format; and
sending the XML formatted responses to the first system.

11. (Currently amended) A distributed application method comprising:

converting application requests in a first system, converting comprising generating a data structure for storing data and parameters related to an application that produced the application requests, translating the application requests into a standardized delimited data structure stored in a memory of the first system, and transforming the standardized delimited data structure in conjunction with the data structure into a stream of text based data utilizing a Extensible Markup Language (XML) format;

transmitting the converted application requests to a second system over a network;
parsing the converted application requests in the second system into request statements;
and
executing the request statements in the second system.

12. (Canceled).

13. (Original) The method of claim 11 in which the parsing comprises:

breaking down the converted application requests to an executable command format utilizing data and parameters related to an application.

14. (Original) The method of claim 13 in which executing further comprises evaluating executable commands prior to execution in the second system.

15. (Original) The method of claim 14 in which executing further comprises evaluating results generated by the executable commands.

16. (Original) The method of claim 15 further comprising:

converting the results into a stream of text based data in a standardized XML format; and transmitting the converted results over the network to the first system.

17. (Currently amended) An application server method, comprising:

generating a first data structure for storing data and parameters related to an application residing in the server, the first data structure comprising database tables, procedure results from logic calls and status/error messages;

translating application requests from the application into a delimited second data structure, stored in a memory, the second data structure comprising an element for each of the application requests; and

generating a stream of text-based, data in an Extensible Markup Language (XML) format from the second data structure.

18. (Canceled).

19. (Canceled).

20. (Currently amended) The method of claim ~~19~~ 17 in which the element is a class object.

21. (Currently amended) A method comprising:

in a server, receiving a stream of text-based data in an Extensible Markup Language (XML) format;
parsing the stream into request statements; and
intercepting the request statements prior to execution and applying additional logic based on a type or content of the request statements ~~executing each of the request statements.~~

22. (Canceled)

23. (Original) The method of claim 21 in which executing further comprises applying additional logic to responses generated from executing the request statements.

24. (Original) The method of claim 21 further comprising:

converting responses generated from each of the executed request statements into an XML format.

25. (Canceled).

26. (Currently amended) A computer program product residing on a computer readable medium having instructions stored thereon which, when executed by the processor, cause the processor to:

generate a first data structure for storing data and parameters related to an application residing in the server, the first data structure comprising database tables, procedure results from logic calls and status/error messages;

translate application requests from the application into a delimited second data structure stored in a memory, the second data structure comprising an element for each of the application requests; and

generate a stream of text-based data in an Extensible Markup Language (XML)format from the second data structure.

27. (Currently amended) A computer program product residing on a computer readable medium having instructions stored thereon which, when executed by the processor, cause the processor to:

receive a stream of text-based data in an Extensible Markup Language (XML)format;
parse the stream into request statements; and
intercept the request statements prior to execution and apply additional logic based on a type or content of the request statements~~execute each of the request statements.~~

Claims 28-34 (Canceled).